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MONTANA OIL AND GAS STATISTICAL BULLETIN

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HELENA, MONTANA 59601

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BOARD OF OIL AND GAS CONSERVATION
SAVINGS BLDG.
HELENA, MONTANA 59601

Vol. XXI, No. 4 — APRIL, 1973

Production of crude oil and condensate from the oil and gas areas of Montana for the month of April, 1973, averaged 93,112 barrels daily, a decrease of 1,999 barrels from the average March production of 95,111.

The nine refineries in the state processed 116, 678 barrels of crude oil daily for the month of April, 1973, a decrease of 22,216 barrels from the 138,894 barrels processed daily during the month of March.

During April, 45 wells were completed, 6 oil, 6 gas and 33 dry holes.

During April, the commission issued 54 permits to drill new wells, an increase of 4 from the 50 permits issued during March.

SUMMARY OF CRUDE PRODUCTION, REFINING, STORAGE, ETC., IN MONTANA MONTH OF APRIL, 1973

IN STORAGE APRIL 1st	
By Producers	319,421
By Transporters	1,187,629
By Refiners	669,292
TOTAL STORAGE	2,176,342
Produced in Montana During Month	2,793,345
Imported During Month	2,883,873
TOTAL	7,853,560
DISPOSITION:	
Refined in Montana	3,500,336
Exported	1,589,299
Used for Fuel or Lost	(5,252)
TOTAL	5,084,383
IN STORAGE APRIL 30th	
By Producers	332,499
By Transporters	1,397,677
By Refiners	1,039,001
TOTAL STORAGE	2,769,177

NATURAL GAS WITHDRAWALS IN MONTANA

Month of April, 1973

Field	M. C. Ft.
Big Coulee	102,143
Blackjack	21,149
Bowdoin	389,582
Bowes	28,687
Cabin Creek	72,822
Cedar Creek	81,915
Cut Bank (including Regan)	231,063
Dry Creek	41,645
Elk Basin	40,669
Flat Coulee	10,518
Gold Butte	1,489
Grandview	10,589
Hardin	1,607
Keith Block	23,174
Kevin Sunburst	24,968
Lake Basin	—0—
Liscom Creek	39,243
Middle Butte	602
Mt. Lilly	11,996
Pine	55,313
Plevna	8,722
South Devon	38,560
Tiger Ridge	2,635,539
Trail Creek	517
Utopia	57,574
West Butte	52,823
Whitlash	56,760
Miscellaneous	422,969
TOTAL	4,462,638

Total Withdrawals for April, 1972, were 1,820,153.

1515 E. 6th AVE.
HELENA, MONTANA 59620

PRODUCERS REPORT — MONTH OF APRIL, 1973

Leases	Field	No. of Wells	Storage First of Month	Oil Produced	Oil Shipped By		Used or Lost	Storage End of Month
					Pipeline	Truck		
3	Ash Creek	3	211	946		1,142		15
1	Bainville	1	2,742	2,169		1,775		3,136
5	Bear's Den	6	999	943		832		1,110
18	Bell Creek	255	26,184	605,732	606,435		6	25,475
1	Benrud	1	350	1,305	1,242			413
3	Benrud East	3	1,757	13,525	12,785			2,497
1	Benrud Northeast	1	474	1,804	1,522			756
1	Berthelote	1	506	161	219			448
4	Big Wall	15	917	4,729	4,657			989
4	Blackfoot	5	500	1,221	1,145			576
5	Border	7	907	555		416		1,046
1	Bowes	11	9,515	3,178	3,253			9,440
1	Bradley	1	525	519	411			633
1	Brady	1		188	188			
4	Brorson-Madison	4	1,371	3,206		3,322		1,255
5	Brorson-Red River	5	6,537	6,914		6,605		6,846
3	Brorson-Red River South	3	1,952	7,445		7,054		2,343
1	Burns Creek	1	308	4,312		3,996		624
6	Brush Lake	6	1,382	15,583	15,737			1,228
2	Cabin Creek	89		240,141	240,141			
1	Canal	1	1,100	6,388		6,177		1,311
10	Cat Creek	41	2,859	11,429	11,204			3,084
1	Chelsea	1	256	256	315			197
1	Clark's Fork	1	83	76				159
---	Clark's Fork South		334					334
2	Conrad South	2		596	596			
2	Cow Creek	2	254	683		262		675
4	Cow Creek East	5	392	15,680		15,702		370
1	Culbertson	1	146	821		621		346
4	Cupton	7	4,027	8,454	5,098	1,836		5,547
126	Cut Bank	960	58,251	331,179	330,705	1,016	50	57,659
---	Dean Dome		65					65
1	Deer Creek	1	434	1,149	918			665
1	Delphia	1	90	232				322
5	Devil's Basin	5	113	468				581
3	Dwyer	11	5,272	13,975	15,270			3,977
3	Elk Basin	39	803	110,279	110,178			904
5	Elk Basin Northwest	9	1,640	2,167	2,000			1,807
6	Fairview	10	9,328	32,754	15,263	18,618		8,201
2	Fertile Prairie	2	837	1,388		1,567		658
5	Flat Coulee	21	2,525	8,176	8,422			2,279
36	Flat Lake	52	5,473	53,803	53,386			5,890
6	Flat Lake South	6	837	7,606	7,762			681
1	Four Buttes	1	410	668		658		420
1	Ft. Gilbert	2	789	16,249	16,778			260
1	Frannie	1		1,050	1,050			
6	Fred & George Creek	25	2,204	28,805	28,386			2,623
1	Froid South	1	638	634		846		426
1	Gage	1	198	115		172		141
3	Gas City	18	5,212	22,438	17,268	4,802		5,580
2	Girard	2	1,461	2,378		2,148		1,691
11	Glendive	14	2,681	24,303	24,678			2,306
10	Goose Lake	29	3,408	26,951	26,597			3,762
7	Graben Coulee	14	5,495	4,991	2,249	2,509		5,728
—	Gypsy Basin			394	394			
1	Hay Creek-Mission Canyon	1	84	1,165	1,192			57
2	Hay Creek-Red River	2	433	8,457	8,484			406
4	Hiawatha	4	2,156	4,567	4,657			2,066
---	Injun Creek		461					461
5	Ivanhoe	11	1,310	3,191	2,937			1,564
2	Jim Coulee	20	3,725	35,512	35,368			3,869
7	Keg Coulee	17	5,758	21,841	21,357		208	6,034
1	Keg Coulee North	1	1,069	2,381	2,688			762
1	Kelley	3	948	3,613	3,554			1,007
62	Kevin Sunburst	419	9,525	20,272	16,765	2,983	13	10,036
8	Laird Creek	10	821	2,436		2,447		810
1	Landslide Butte	2	1,314	494	829			979
2	Leary	2	1,648	2,186		2,699	18	1,117
1	Little Beaver	23		39,655	39,655			
2	Little Beaver East*	11	1,796	13,063	11,924			2,935
1	Little Wall Creek	1	225	3,322	3,037			510
1	Lodge Grass	1	602	732				1,334
7	Lonetree Creek	6	5,104	25,675	25,585			5,194
3	Lookout Butte (Coral Creek)	30	103	54,728	54,683			148
1	Mason Lake	1	494	410	351			553
2	Melstone	3	692	1,528	1,445			775
1	Mineral Bench	1	503	592	626			469
1	Miner's Coulee	1		253		253		
11	Monarch	14	3,955	13,200	9,783	2,922		4,450
1	Nohly	1	708	10,297		9,887		1,118
3	Otis Creek	3	648	8,730		6,896		2,482
6	Outlook	8	4,321	17,592	17,934			3,979
1	Outlook South	1	584	434				1,018
2	Outlook West	2	1,348	2,991	3,009			1,330
1	Pennel-Lookout Butte	112		182,728	182,728			
4	Pine	107	16,761	239,313	239,179			16,895
59	Pondera	246	2,959	23,321	22,303			3,977
6	Poplar	64	7,187	31,838	39,539			9,486
3	Poplar Northwest	3	849	1,595	1,343			1,101
---	Prairie Elk		520					520
2	Pritchard Creek	6	167	348	348			167
1	Putnam	2	242	8,106		8,106		242
---	Rabbit Hills		2,231					2,231
4	Ragged Point	12	3,034	7,315	6,478			3,871
2	Rattlesnake Coulee	2	429	364				793
5	Raymond	5	1,423	26,325	26,425			1,323
3	Reagan	44	1,123	15,773	16,093			803
1	Red Creek	19		14,969	14,969			
1	Red Fox	1	283	702	660			325
1	Redstone	1	347	1,211	1,072			486
1	Repeat	1	40	849		799		90
3	Reserve	4	546	5,100	4,973			673
1	Richey	1	319	2,801	2,613			507
1	Richey Southwest	1	86	1,561		1,394		253
---	Rough Creek		462					462
1	Rush Mountain	1	242	2,509	2,182			569
2	Salt Lake	3	386	3,439		3,348		477
4	Sand Creek	4	1,955	2,150	2,072			2,033
1	Second Creek	1	665	10,842		10,554		953
1	Sioux Pass	1	1,321	44,463	44,494			1,290
1	Snyder	4	700	500		500		700
7	Soap Creek	18	2,607	3,495		3,593		2,509
2	Spring Lake	2	1,670	1,599		1,732		1,537
2	Stensvad	6	4,344	39,880	39,972			4,252
15	Sumatra	72	19,547	89,438	90,384			18,601
5	Tule Creek	5	2,378	19,677		19,038		3,017
2	Tule Creek East	2	583	6,287		5,387		1,483
2	Tule Creek South	3	610	2,518		2,294		834
2	Vida	2	367	753	636			484
4	Volt	5	2,329	10,033	10,215			2,147
2	Weed Creek	3	655	977	1,083			549
3	Weldon	3	1,415	6,034	6,656			793
1	West Butte	1		1,401		1,401		
19	Whitlash	43	7,292	11,179	11,372			7,099
---	Whitlash West		284					284
3	Willow Creek North	3	492	3,187	3,024			655
2	Wills Creek South	2		2,653	2,653			
2	Wolf Springs	3	1,054	1,373	1,335			1,092
2	Woodrow	2	594	2,738	2,757			575
3	Wright Creek	5	3,473	1,436	1,990			2,919
---	Wildcat, Blaine Co.		157					157
---	Wildcat, McCone Co.		98					98
1	Wildcat, Toole Co.	1	108	137				245
667	Total	3,130	319,421	2,793,345	2,611,663	168,309	295	332,499

Total Oil Produced and Shipped from Leases	Bbls. Produced	Daily Average	Bbls. Shipped	Daily Average
Year, 1972	33,904,139	92,634	33,861,385	92,517
First Quarter, 1973	8,463,610	94,040	8,461,995	94,022
April, 1973	2,793,345	93,112	2,779,972	92,666

Oil In Storage	In Producers Field Tanks	In Transporters Storage	In Refiners Storage**	Total Oil In Storage**
December, 1972	320,567	1,303,848	1,228,659	2,853,074
March, 1973	319,421	1,187,629	669,292	2,176,342
April, 1973	332,499	1,397,677	1,039,001	2,769,177

*Montana Oil Only **Includes Wyoming Oil

TRANSPORTERS REPORT — MONTH OF MARCH, 1973

	Storage First of Month	Oil Received By			Loss or Gain	Oil Shipped To			Storage End of Month
		Pipeline	Truck	Connecting Carrier		Montana	Other States	Connecting Carrier	
ASH CREEK—Western Crude Oil Co.			1,142				1,142		
BAINVILLE—Koch Oil Company			1,775				1,775		
BEAR'S DEN—Truck			832				832		
BELL CREEK—Pipeline	52,500	606,425					273,839	330,803	54,293
BIG WALL—Continental Pipeline Co.		4,659				4,659			
BLACKFOOT—									
Camerland Cardinal Corp.		1,145						1,145	
BORDER—Permian Corp.			416					416	
BOWES—Texaco		3,253				3,253			
BRORSON-MADISON, BRORSON-RED RIVER AND BRORSON-RED RIVER SOUTH—Koch Oil Company			16,981					16,981	
BRUSH LAKE—Portal Pipeline Co.		15,692					15,692		
BURNS CREEK—									
Western Crude Oil, Inc.			3,996				3,996		
CABIN CREEK AND OTHERS*—									
Butte Pipeline Co.	277,382	490,531	14,590	1,827,841			2,313,429		296,915
Shell Pipeline Co.	2,567	304,464			182			303,716	3,133
	279,949	794,995	14,590	1,827,841	182		2,313,429	303,716	300,048
CANAL—Koch Oil Company			6,177				6,177		
CAT CREEK—									
Continental Pipeline Co.		9,004				9,004			
COW CREEK AND COW CREEK EAST—Western Crude Oil, Inc.			15,964				15,964		
CULBERTSON—Spruce Oil Co.			621				621		
CUT BANK—									
Continental Pipeline Co.		222,662	9,339					232,001	
Phillips Petroleum Co.	62,703	125,542		55,116	(29)	152,562			90,828
Texas Pipeline Co.	17,116	32,456		46,006	12			82,221	13,345
Union Oil Co.	36,447	40,381			386	16,556			59,886
Western Oil Trans. Co.		32,359						32,359	
Western Oil Trans. Co. (Mouton)		102,392						102,392	
	116,266	555,792	9,339	101,122	369	169,118		448,973	164,059
DWYER—Portal Pipeline Co.		14,861					14,861		
ELK BASIN AND ELK BASIN NORTHWEST—Marathon Pipeline Co.		112,733				112,733			
FAIRVIEW—									
Fairview Pipeline Co.		15,263					15,263		
Koch Oil Company			18,618				18,618		
		15,263	18,618				33,881		
FLAT COULEE—									
Camerland Cardinal Corp.		8,153				7,336		817	
FLAT LAKE AND FLAT LAKE SOUTH—Portal Pipeline Co.		58,358					58,358		
FT. GILBERT—									
Fairview Pipeline Co.		16,778					16,778		
FOUR BUTTES—Truck			658					658	
FRANNIE—Interstate Pipeline Co.		1,050					1,050		
FRED AND GEORGE CREEK—									
Camerland Cardinal Corp.	7,338	29,147				25,902			10,583
FROID SOUTH—Truck			846					846	
GAGE—Truck			172			172			
GIRARD—Koch Oil Company			2,148				2,148		
GLENDIVE, DEER CREEK, WOODROW AND SAND CREEK—									
Texas Pipeline Co.	10,175	23,528			36			24,527	9,140
GOOSE LAKE—Portal Pipeline Co.		25,576					25,576		
HAY CREEK—Fairview Pipeline Co.		9,676					9,676		
HIAWATHA—Continental Pipeline Co.		4,659					4,659		
IVANHOE—Continental Pipeline Co.		2,938				2,938			
JIM COULEE—									
Continental Pipeline Co.		38,044						38,044	
KEG COULEE AND KEG COULEE NORTH—Continental Pipeline Co.		22,529				22,529			
KELLEY—Continental Pipeline Co.		3,554				3,554			
KEVIN SUNBURST—									
Big West Oil Co.	3,162	10,930				11,320			2,772
Homestake Oil & Gas Co.	2,098	1,920				1,791			2,227
Texas Pipeline Co.	12,423	5,987			210			10,806	7,394
	17,683	18,837			210	13,111		10,806	12,393
LEARY—Permian Corp.			2,699				2,699		
MASON LAKE—									
Continental Pipeine Co.		351				351			
MELSTONE—Continental Pipeline Co.		1,444				1,268	176		
MIDDLE WALL—									
Continental Pipeline Co.**		3,024						3,024	
NOHLY—Koch Oil Co.			9,887				9,887		
OTIS CREEK—									
Western Crude Oil, Inc.			6,896				6,896		
OUTLOOK, OUTLOOK SOUTH AND OUTLOOK WEST—									
Portal Pipeline Co.		21,037					21,037		
PONDERA—Phillips Petroleum Co.	25,079	23,183			(4)	21,600			26,666
POPLAR, BEURUD, BENRUD EAST, RED FOX, REDSTONE—									
East Poplar Gathering System	16,046	56,785			(395)			53,357*	16,869
PUTNAM—Western Crude Oil, Inc.			8,106				8,106		
RAGGED POINT—									
Continental Pipeline Co.		6,478				2,570		3,908	
RAYMOND—Portal Pipeline Co.		26,425					26,425		
RED CREEK—									
Western Oil Transportation Co.		18,247						18,247	
RESERVE—Portal Pipeline Co.		5,040					5,040		
RUSH MOUNTAIN—Sinclair Ref. Co.		2,182					2,182		
SALT LAKE—Koch Oil Company			3,348				3,348		
SECOND CREEK—Koch Oil Company			10,554					10,554	
SNYDER—Permian Corp.			500			500			
SOAP CREEK—Permian Corp.			3,593				3,593		
SPRING LAKE—Koch Oil Co.			1,732				1,732		
SUMATRA AND STENSVAD—									
Continental Pipeline Co.	660,041	129,811		3,138,633	(6,010)	117,961		3,016,154	800,380
TULE CREEK—									
Spruce Oil Co.	2,552		24,425			23,731			3,246
Permian Corp.			2,294			2,294			
	2,552		26,719			26,025			3,246
WEED CREEK AND WOLF SPRINGS—Continental Pipeline Co.		2,418				2,418			
WHITLASH AND WHITLASH WEST—Camberland Cardinal Corp.		11,023				9,054		1,969	
TOTAL	1,187,629	2,704,107	168,309	5,067,596	(5,612)	556,056	2,891,575	4,287,945	1,397,677

*Cabin Creek, Cupton, Fertile Prairie, Gas City, Monarch, Repeat, Richey, Richey Southwest, Vida, Weldon and Wills Creek South.
**Little Wall Creek and Willow Creek North.
***Transferred to Butte Pipeline Company.

BARRELS OF CRUDE OIL REFINED IN MONTANA
MONTH OF APRIL, 1973

	Big West Oil Co.	Continental Oil Co.	Diamond Asphalt Co.	Exxon Co.	Farmers Union	Jet Fuel Refinery	Phillips Petroleum Co.	Spruce Oil Co.	Westco Refining Co.	Total
Big Wall		4,657								4,657
Cat Creek		1,781			8,232					10,013
Cut Bank	7,892						143,644		52,863	204,399
Elk Basin		43,468		32,388	36,877					112,733
Flat Coulee									7,336	7,336
Fred & George Creek	25,902									25,902
Ivanhoe		2,938								2,938
Keg Coulee		14,378		4,966	4,701					24,045
Kelley				3,554						3,554
Kevin Sunburst	13,111									13,111
Mason Lake		351								351
Melstone					1,268					1,268
Pondera							20,977			20,977
Ragged Point					2,570					2,570
Snyder		500								500
Sumatra & Stensvad		17,477		39,572	60,912					117,961
Tule Creek								52,676		52,676
Weed Creek				1,083						1,083
Whitlash							9,054			9,054
Wolf Springs				1,335						1,335
Total Montana Oil	46,905	85,550		82,898	114,560		173,675	52,676	60,199	616,463
Canadian Oil Imported		200,583		494,872	402,651					1,098,106
Wyoming Oil Imported		866,289		749,906	169,572					1,785,767
Total Montana, Canadian & Wyoming Oil	46,905	1,152,422		1,327,676	686,783		173,675	52,676	60,199	3,500,336

AVERAGE BARRELS PER DAY

	Montana	Canada	Wyoming	Total
Year 1972	24,723	37,303	70,391	132,417
April, 1972	20,233	31,116	65,033	116,382
April, 1973	20,549	36,603	59,526	116,678

PERCENTAGE OF CRUDE OIL REFINED

	Montana	Canada	Wyoming
Year 1972	18.67%	28.17%	53.16%
April, 1972	17.38%	26.73%	55.89%
April, 1973	17.61%	31.37%	51.02%